

MISSOURI

Science and Engineering Profile

	Missouri	U.S.	Rank		Missouri	U.S.	Rank
Doctoral scientists, 1993	7,671	430,332	19	Total R&D performance, 1993 (millions)	\$1,789	\$161,427	23
Doctoral engineers, 1993	1,126	81,293	23	Industry R&D, 1993 (millions)	\$1,375	\$117,622	18
S&E doctorates awarded, 1995	411	26,482	22	Academic R&D, 1994 (millions)	\$375	\$20,573	17
of which, in life sciences	27%	24%		of which, in life sciences	77%	55%	
in engineering	25%	23%		in engineering	8%	16%	
in psychology	17%	13%		in physical sciences	6%	10%	
S&E postdoctorates, 1994				Higher education current-fund			
in doctorate-granting institutions	767	36,143	13	expenditures, 1993 (millions)	\$3,249	\$163,994	17
S&E graduate students, 1994				Number of SBIR awards, 1990-94	80	18,023	27
in doctorate-granting institutions	6,920	438,694	21	Patents issued to state residents, 1995	670	55,717	23
Population, 1995 (000s)	5,324	262,755	16	Gross state product, 1992 (billions)	\$111.6	\$5,994.1	17
Civilian labor force, 1995 (000s)	2,832	132,281	16	of which, agriculture	2%	2%	
Personal income per capita, 1995	\$21,627	\$22,788	27	manufacturing, mining, construction	24%	23%	
Federal spending				transportation, communication, utilities	11%	9%	
Total expenditures, 1995 (millions)	\$31,418	\$1,326,294	14	wholesale and retail trade	18%	16%	
R&D obligations, 1994 (millions)	\$2,272	\$65,654	10	finance, insurance, real estate	16%	18%	
				services	19%	20%	
				government	11%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development in Missouri by Agency and Performer: Fiscal Year 1994

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	2,271,683	58,262	0	1,971,805	220,545	17,416	3,655	10
Department of Agriculture	19,067	6,642	0	80	12,345	0	0	26
Department of Commerce	426	136	0	32	172	86	0	39
Department of Defense	2,010,504	37,455	0	1,963,358	8,854	837	0	6
Department of Energy	5,513	0	0	20	4,799	694	0	40
Dept. of Health & Human Services	191,928	27	0	1,420	173,673	14,816	1,992	15
Department of the Interior	15,262	13,957	0	345	960	0	0	13
Department of Transportation	2,506	0	0	604	239	0	1,663	33
Environmental Protection Agency	1,723	0	0	1,411	312	0	0	27
Nat'l Aeronautics & Space Admin.	8,946	45	0	4,340	4,491	70	0	31
National Science Foundation	15,808	0	0	195	14,700	913	0	27
State rank	10	30	na	5	17	23	23	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.